

| Ref # | Hits | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1    | 7    | (authenticat\$ or verif\$)with (single or individual) with (data or message) with hash and @ad<="20000724" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/16 14:34 |
| L2    | 24   | (comput\$ or calculat\$) near3 (MAC or (message adj authenticat\$)) with track and @ad<="20000724"         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/16 14:35 |
| S1    | 0    | hierarch\$ with message adj authentication and @aD<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/14 17:26 |
| S2    | 27   | hierarch\$ with key with authenticat\$ and @aD<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/14 17:27 |
| S3    | 8    | hierarch\$ with key with authenticat\$ and master and @aD<="20000724"                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/14 17:27 |
| S4    | 29   | flash adj memory with MAC and @ad<="20000728"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 16:24 |
| S5    | 29   | flash adj memory with MAC and @ad<="20000724"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 16:25 |
| S6    | 0    | flash adj memory with MAC with block and @ad<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 16:25 |
| S7    | 8    | flash adj memory with authenticat\$ with block and @ad<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 16:31 |
| S8    | 101  | flash adj memory with authenticat\$ and @ad<="20000724"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 16:31 |
| S9    | 5    | flash adj memory with authenticat\$ near2 (portion or area) and @ad<="20000724"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 17:11 |
| S10   | 0    | hierarch\$ with key with message with authenticat\$ with code and @ad<="20000724"                          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/03/15 17:12 |

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| S11 | 6   | individual with message with authenticat\$ with code and @ad<="20000724"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:23 |
| S12 | 340 | individual with MAC and @ad<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:23 |
| S13 | 122 | individual near3 MAC and @ad<="20000724"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:23 |
| S14 | 3   | individual near3 MAC with (verif\$ or authenticat\$) and @ad<="20000724"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:50 |
| S15 | 3   | group near3 MAC with (verif\$ or authenticat\$) and @ad<="20000724"                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:51 |
| S16 | 1   | message adj authentication adj code with data with authenticat\$ with separat\$ and @ad<="20000724" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:52 |
| S17 | 2   | MAC with data with authenticat\$ with separat\$ and @ad<="20000724"                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:52 |
| S18 | 0   | MAC with data with PROTECT\$ with separat\$ and @ad<="20000724"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:52 |
| S19 | 39  | verif and @ad<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:52 |
| S20 | 118 | verif\$ near data with individual and @ad<="20000724"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:54 |
| S21 | 3   | hash with (verif\$ or authenticat\$) with individual and @ad<="20000724"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:55 |
| S22 | 5   | hash with individual near3 block and @ad<="20000724"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:55 |

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| S23 | 14  | hash with individual near3 data and @ad<="20000724"                          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 17:57 |
| S24 | 30  | (compar\$ or match\$) with (hash or MAC) with individual and @ad<="20000724" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:01 |
| S25 | 6   | (compar\$ or match\$) with (hash or MAC) with hierarch\$ and @ad<="20000724" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:02 |
| S26 | 138 | (hash or MAC) with hierarch\$ and @ad<="20000724"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:03 |
| S27 | 0   | (hash with MAC) with hierarch\$ and @ad<="20000724"                          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:03 |
| S28 | 0   | hash with authenticat\$ with hierarch\$ and @ad<="20000724"                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:03 |
| S29 | 2   | MAC with authenticat\$ with hierarch\$ and @ad<="20000724"                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:03 |
| S30 | 11  | message with authenticat\$ with hierarch\$ and @ad<="20000724"               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:07 |
| S31 | 27  | hierarch\$ with key with authenticat\$ and @ad<="20000724"                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 18:09 |